

NEET REDOX REACTIONS — EQUIVALENT CONCEPT IN REDOX TITRATIONS — PYQS

Max. Marks: 12

Questions: 3

Section A (MCQ) — 3 questions

Q.1 In an acidic medium, 10 mL of 0.25 M oxalic acid is titrated with KMnO_4 solution. If the volume of KMnO_4 solution required to reach end point is 10 mL, the strength of the KMnO_4 solution is

[RE-NEET (UG) 2026]

- (1) 0.15 M (2) 0.10 M (3) 0.20 M (4) 0.25 M

Scan or tap for the full solution



Q.2 Assuming complete ionisation, same moles of which of the following compounds will require the least amount of acidified KMnO_4 for complete oxidation?

[AIPMT 2015]

- (1) FeSO_3 (2) FeC_2O_4
 (3) $\text{Fe}(\text{NO}_2)_2$ (4) FeSO_4

Scan or tap for the full solution



Q.3 Number of moles of MnO_4^- required to oxidize one mole of ferrous oxalate completely in acidic medium will be

[AIPMT 2008]

- (1) 7.5 moles (2) 0.2 moles
 (3) 0.6 moles (4) 0.4 moles

Scan or tap for the full solution



ANSWER KEY

Ques.	1	2	3								
Ans.	2	4	3								